

IN THE CLAIMS:

1       Claim 1. (original) A method comprising:  
2           employing a first web server in a first DNS domain, and a second  
3        web server in a second DNS domain, wherein the first web server uses a  
4        first user tracking mechanism to collect client information and stores  
5        the client information as a client record in a database;

6           the first web server directing a client to access a resource at  
7        the second Web-Server;

8           said resource encapsulating information about a location of the  
9        client record in the database;

10          the second web server decapsulating the location and retrieving  
11        the client record from the database; and

12          the second web server using the client record in conjunction with  
13        a second user tracking mechanism.

1       Claim 2. (original) A method as recited in 1, wherein the first  
2       and the second user tracking mechanisms use cookies for storing the  
3       user client information.

1       Claim 3. (original) A method as recited in 1, wherein the first  
2       web server authenticates the client, and the client record includes  
3       user authentication data enabling the second web server to use a common  
4       sign-on with the sign-on of the first web server.

1       Claim 4. (original) A method as recited in 1, wherein the first  
2       web server stores within the client record at least one parameter which  
3       determines at least one characteristic of at least one page to be sent  
4       to the client by the second web server.

1       Claim 5. (previously presented) A method as recited in 4,  
2       wherein said at least one parameter includes at least one user  
3       preference.

1       Claim 6. (original) A method as recited in 5, wherein said at  
2       least one user preference is related to at least one detected  
3       purchasing habit.

1       Claim 7. (previously presented) A method comprising:  
2           employing a first web server in a first DNS domain, and a second  
3        web server in a second DNS domain,  
4           enabling said first and second web servers to share cookie

5 information;  
6 coordinating cookies across said first and second domains;  
7 storing a client record in a database by the first web server;  
8 and  
9 creating a link to the second web server that encapsulates  
10 information about a location of the client record in the database.

1 Claim 8. (original) A method as recited in claim 7, wherein the  
2 step of coordinating is performed by a cookie coordinator accessible to  
3 said first and second Web-Servers.

1 Claim 9. (original) A method as recited in claim 7, further  
2 comprising providing a cookie coordinator accessible to said first and  
3 second Web-Servers to perform the step of coordinating.

1 Claim 10. (original) A method as recited in claim 7, wherein  
2 the step of enabling includes the first web server setting a first  
3 cookie having a first identity and the second web server setting a  
4 second cookie having a second identity, and the step of coordinating  
5 maps the first and second identities to a third identity shared across  
6 said first and second domains.

1 Claim 11. (original) An apparatus comprising:  
2 means for employing a first web server in a first DNS domain, and  
3 a second web server in a second DNS domain, wherein the first web  
4 server uses a first user tracking mechanism to collect client  
5 information and stores the client information as a client record in a  
6 database;

7 means for the first web server directing a client to access a  
8 resource at the second web server;

9 means for said resource encapsulating information about a  
10 location of the client record in the database;

11 means for the second web server decapsulating the location and  
12 retrieving the client record from the database; and

13 means for the second web server using the client record in  
14 conjunction with a second user tracking mechanism.

1 Claim 12. (original) An article of manufacture comprising a  
2 computer usable medium having computer readable program code means  
3 embodied therein for causing coordination of a first user tracking  
4 mechanism in a first web server and a second user tracking mechanism in

5 a second web-server, the computer readable program code means in said  
6 article of manufacture comprising computer readable program code means  
7 for causing a computer to effect the steps of claim 1.

1       Claim 13. (original) An article of manufacture comprising a  
2 computer usable medium having computer readable program code means  
3 embodied therein for causing coordination of a first user tracking  
4 mechanism in a first web server and a second user tracking mechanism in  
5 a second web-server, the computer readable program code means in said  
6 article of manufacture comprising computer readable program code means  
7 for causing a computer to effect the steps of claim 7.

1       Claim 14. (original) A method comprising:  
2           employing a first user tracker in a first domain, and a second  
3 user tracker in a second domain, wherein the first user tracker uses a  
4 first user tracking mechanism to collect client information and stores  
5 the client information as a client record in a database;  
6           the first user tracker directing a client to access a resource at  
7 the second user tracker;  
8           said resource encapsulating information about a location of the  
9 client record in the database;  
10          the second user tracker decapsulating the location and retrieving  
11 the client record from the database; and  
12          the second user tracker using the client record in conjunction  
13 with a second user tracking mechanism.

1       Claim 15. (original) A program storage device readable by  
2 machine, tangibly embodying a program of instructions executable by the  
3 machine to perform method steps for tracking users, said method steps  
4 comprising the steps of claim 1.

1       Claim 16. (original) A program storage device readable by  
2 machine, tangibly embodying a program of instructions executable by the  
3 machine to perform method steps for using cookies, said method steps  
4 comprising the steps of claim 7.

1       Claim 17. (original) A computer program product comprising a  
2 computer usable medium having computer readable program code means  
3 embodied therein for causing tracking of users, the computer readable  
4 program code means in said computer program product comprising computer

5 readable program code means for causing a computer to effect the  
6 functions of claim 11.

1       Claim 18. (previously presented) A method comprising:  
2       employing a first web server in a first DNS domain, and a second  
3 web server in a second DNS domain, wherein the first web server  
4 maintains a first private cookie at a browser and the second web server  
5 maintains a second private cookie at the browser;

6       accessing a cookie coordinator when the first private cookie is  
7 received by the first web-server;

8       mapping a first identity in the first private cookie and a second  
9 identity in the second private cookie to a single identity common  
10 across the multiple domains;

11       storing a client record in a database by the first web server;  
12 and

13       creating a link to the second web server that encapsulates  
14 information about a location of the client record in the database.

1       Claim 19. (original) A method as recited in claim 18, further  
2 comprising:

3       using the single identity to look up the identity of users across  
4 the different domains, and

5       the cookie coordinator learning the mapping of the various  
6 cookies that are placed independently on the browser by the different  
7 servers.

1       Claim 20. (original) A program storage device readable by  
2 machine, tangibly embodying a program of instructions executable by the  
3 machine to perform method steps for tracking users, said method steps  
4 comprising the steps of claim 18.

1       Claim 21. (previously presented) An apparatus comprising:

2       a web server interface to interface with a first web server in a  
3 first DNS domain and to interface a second web server in a second DNS  
4 domain;

5       said first web server having:

6            a first user tracker to collect client information and  
7 store client information as a client record in a cookie coordinator  
8 database;

9            a redirector for the first web server to direct a client to  
10 access a resource at the second web server;

11                   an encapsulator for said resource to encapsulate  
12   information about a location of the client record in the database; and  
13    said second web server having:

14                    a second user tracker for the second web server to use the  
15   client record in conjunction with a second user tracking mechanism; and  
16                    a decapsulator for the second web server to decapsulate a  
17   location and retrieve the client record from the database.

1               Claim 22. (original) A computer program product comprising a  
2   computer usable medium having computer readable program code means  
3   embodied therein for causing tracking of users, the computer readable  
4   program code means in said computer program product comprising computer  
5   readable program code means for causing a computer to effect the  
6   functions of claim 21.

1               Claim 23. (previously presented) A method as recited in claim  
2   1, further comprising:

3                   wherein the database is a cookie coordination database; and  
4                   wherein directing the client to access the resource at the second  
5   Web-Server includes sending the client a link to the second Web-Server.

1               Claim 24. (previously presented) A method as recited in claim  
2   1, wherein directing the client to access the resource at the second  
3   Web-Server includes sending a HTTP response code from the first Web-  
4   Server configured to cause the client to be redirected to the second  
5   Web-Server using HTTP redirection.

1               Claim 25. (previously presented) A method as recited in claim  
2   7, wherein the database is a cookie coordination database.

1               Claim 26. (previously presented) A method as recited in claim  
2   7, further comprising sending a HTTP response code from the first web  
3   server configured to cause the client to be redirected to the second  
4   web server using HTTP redirection.

1               Claim 27. (previously presented) An apparatus as recited in  
2   claim 11, further comprising:  
3                   wherein the database is a cookie coordination database; and  
4                   wherein means for the first web server directing the client to  
5   access the resource at the second web server includes means for sending  
6   the client a link to the second web server.

1           Claim 28. (previously presented) An apparatus as recited in  
2 claim 11, further comprising means for sending a HTTP response code  
3 from the first web server configured to cause the client to be  
4 redirected to the second web server using HTTP redirection.

1           Claim 29. (previously presented) A method as recited in claim  
2 14, further comprising:

3           wherein the database is a cookie coordination database; and  
4           wherein directing the client to access the resource at the second  
5 user tracker includes sending the client a link to the resource.

1           Claim 30. (previously presented) A method as recited in claim  
2 14, further comprising sending a HTTP response code from the first user  
3 tracker configured to cause the client to be redirected to the second  
4 user tracker using HTTP redirection.

1           Claim 31. (previously presented) A method as recited in claim  
2 18, further comprising sending a HTTP response code from the first web  
3 server configured to cause the client to be redirected to the second  
4 web server using HTTP redirection.

1           Claim 32. (previously presented) A apparatus as recited in  
2 claim 21, wherein the redirector is configured to send a HTTP response  
3 code from the first web server configured to cause the client to be  
4 redirected to the second web server using HTTP redirection.